

FIG. 1

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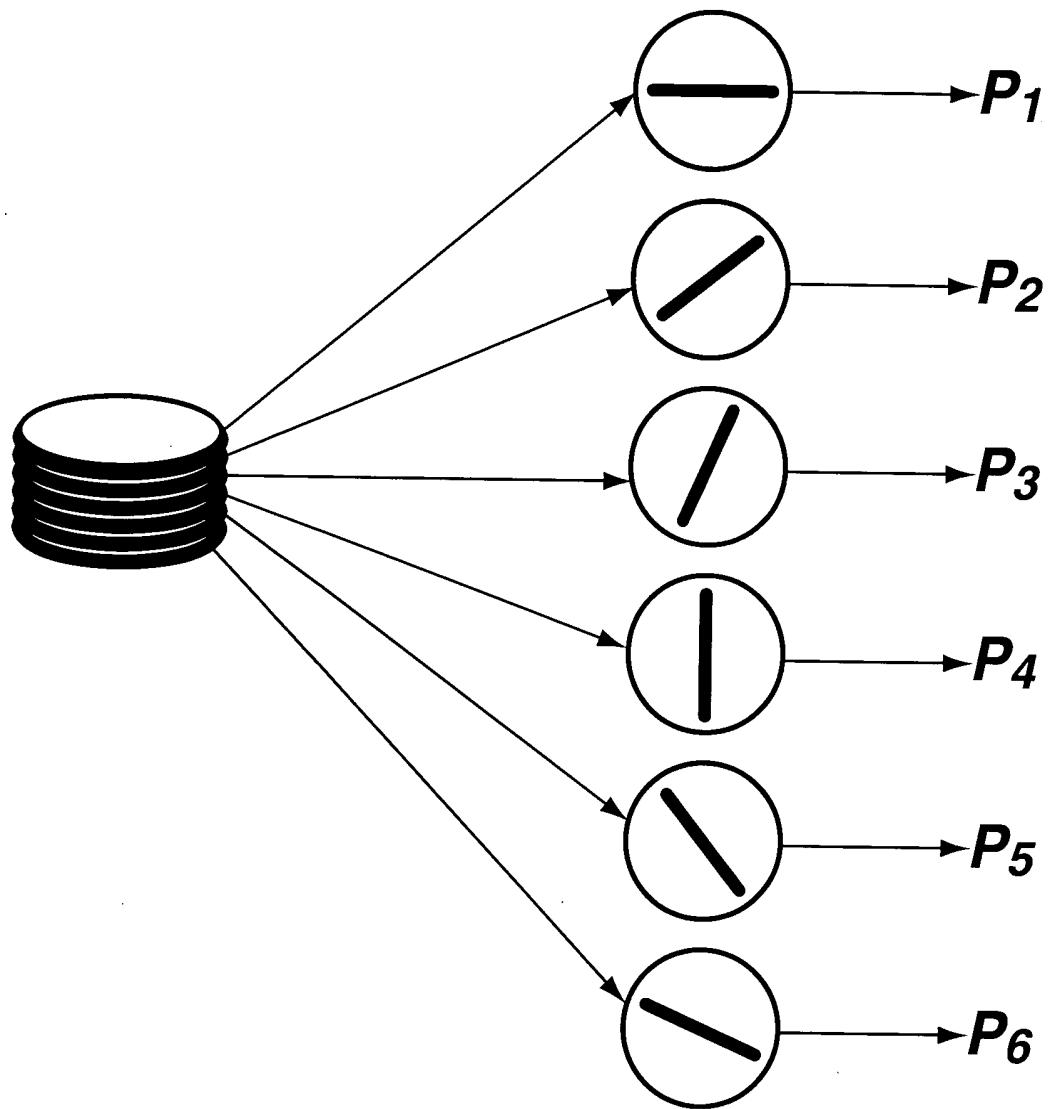
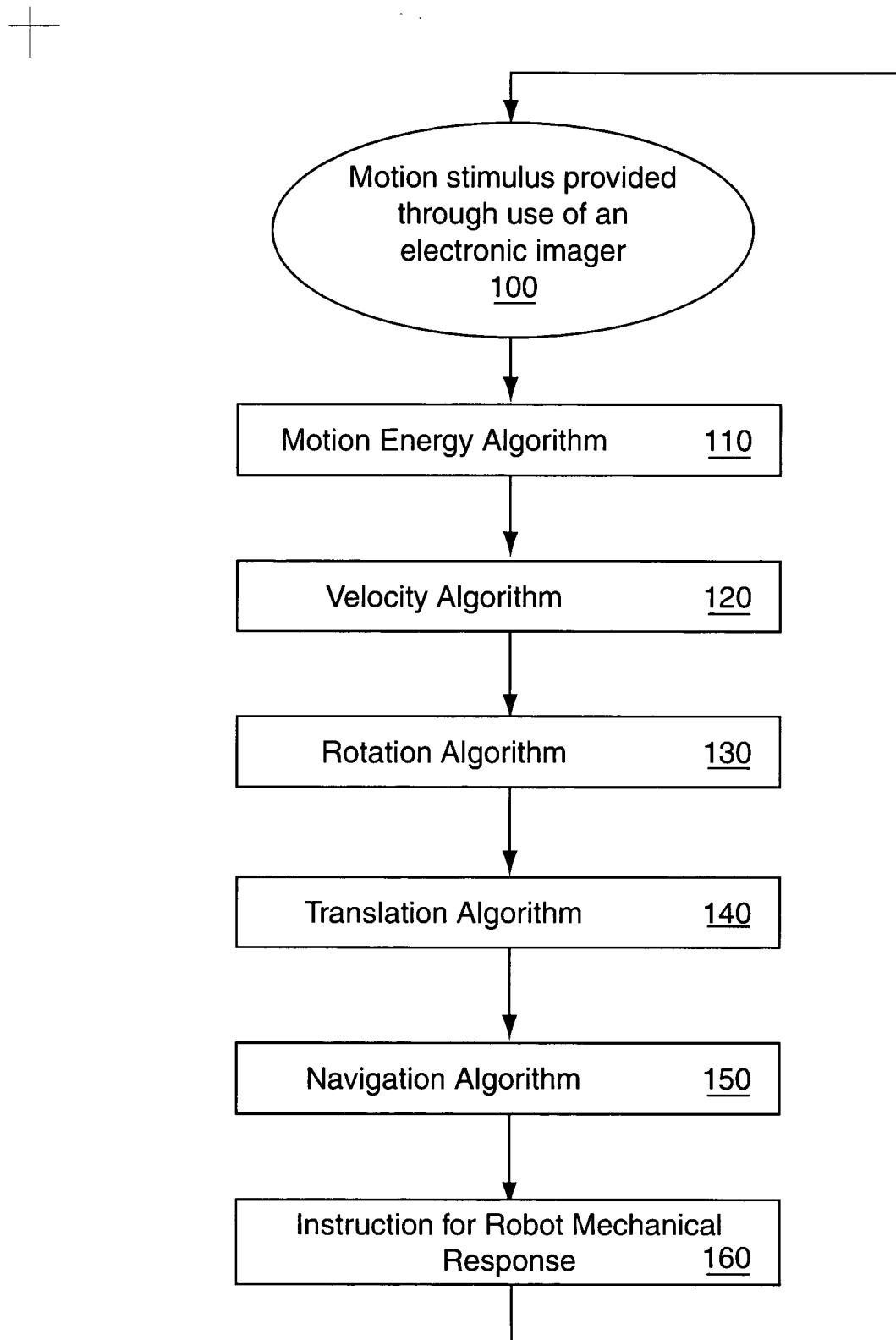


FIG. 2

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**FIG. 3**

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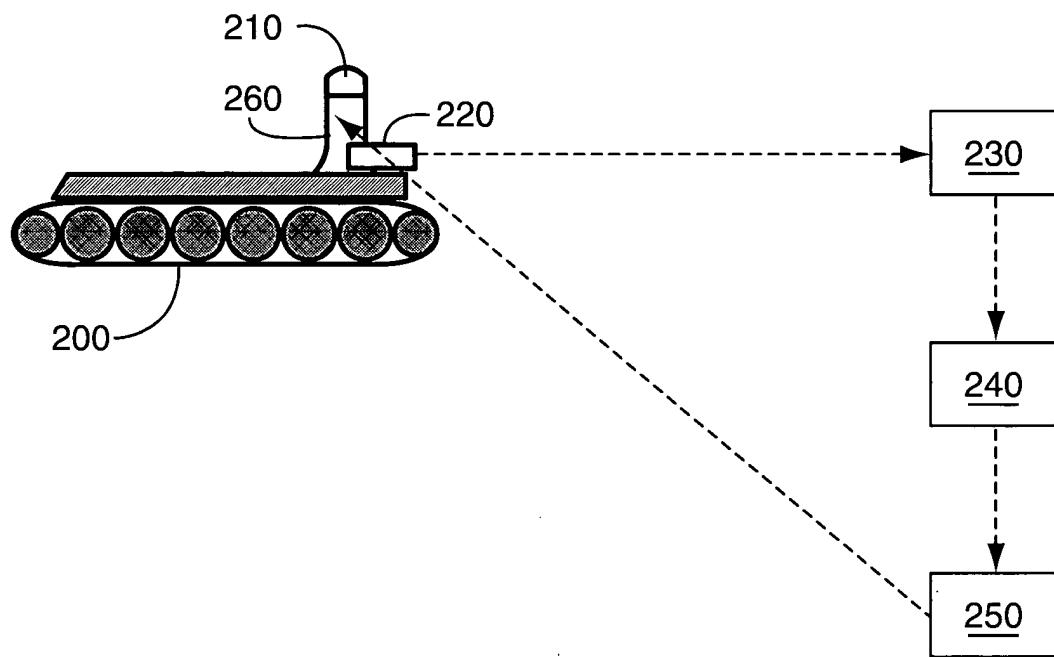


FIG. 4

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Feature	FLOPS per frame	# of Features	Total FLOPS	Interconnect Bandwidth in FLOPS
Stimulus FFT	4480	1	4480	16384
Motion Energy	26,750	27,648	739,584,000	27,648
Velocity	≈1200	24,576	≈29,491,200	24,576
Translation	≈2400	288	≈691,200	288
Control	≈900	42	≈37,800	0

FIG. 5

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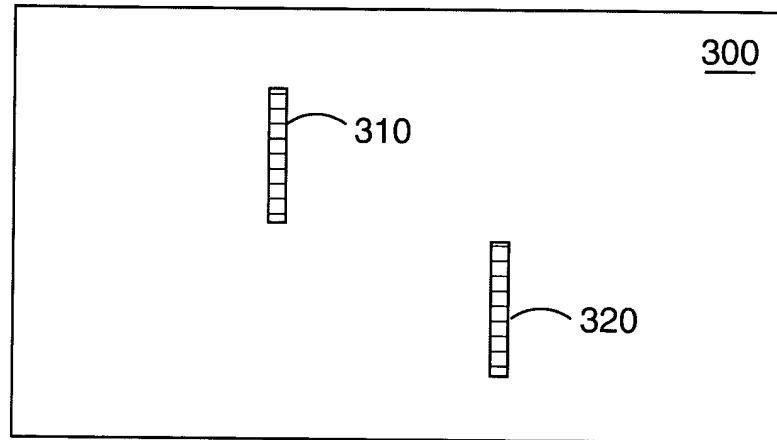


FIG. 6

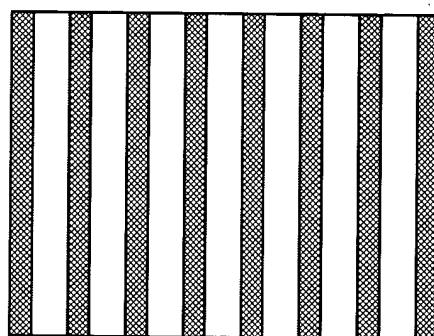


FIG. 7

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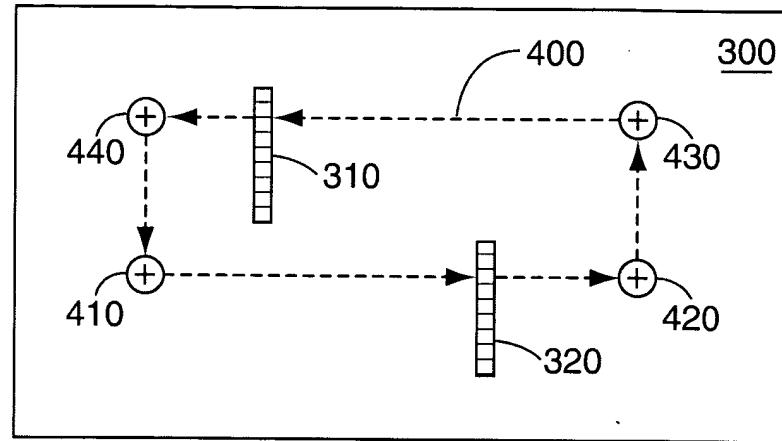


FIG. 8

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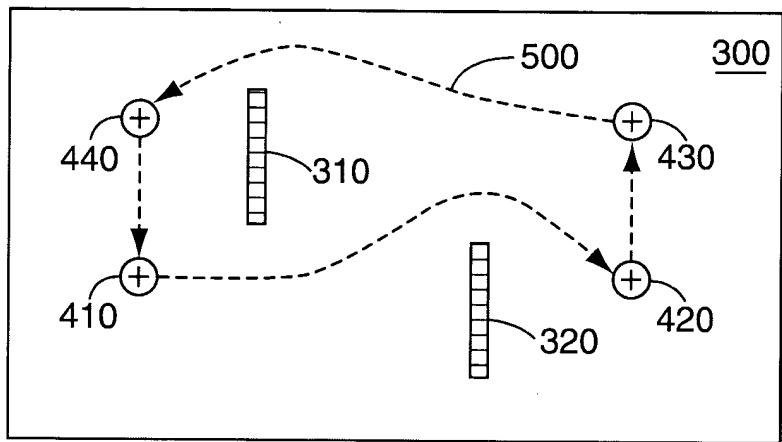


FIG. 9